

Program Curriculum Recommendations

Technology Education programs strive to meet the needs of the communities and students they serve. The content of the program curriculum should reflect the needs of not only the local population but technology industries in general. The curriculum shall consist of a core of approved courses which are systematically sequenced to build on previously learned competencies, and should reflect advancements in technology and approved practices throughout technology industries.

- **Recommendation:** Program enrollment should fall within the guidelines of existing program facility standards, not exceeding a 24 to 1 student to teacher ratio, per class.

Action: Develop suggested student enrollment loads for the program facilities.

- **Recommendation:** Program curriculum shall prepare students with multiple technology competencies in a minimum of two of the following areas:

Communication Technology, Construction Technology, Manufacturing Technology, Power, Energy and Transportation, Emerging Technologies, Fundamentals of Technology Education.



Action: Develop recommended sequences for students to follow which includes a capstone course.



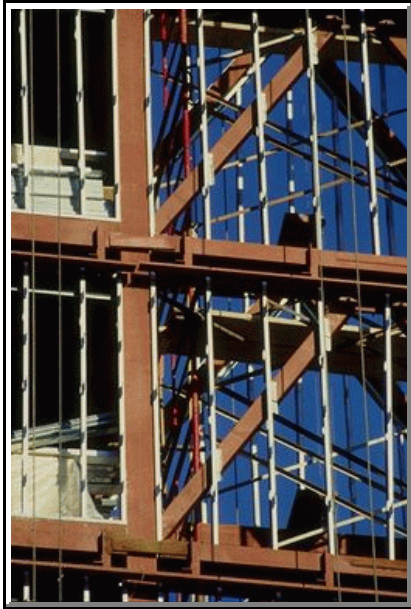
Recommendation: Career information, exploration, and planning should be encouraged.

Action: Inform students about career opportunities available in various technology industries as a part of the curriculum.

Recommendation: Human relations, social skills, leadership development, and interpersonal communication skills should have considerable emphasis in a Technology Education curriculum.

Action: These skills and competencies shall be introduced and reinforced throughout the entire curriculum of a complete program.

Recommendation: Technology Education programs curriculum standards shall map to adopted state math, science, and reading achievement standards.



Action: Teachers of Technology Education programs should develop curriculum based on more than one of the following areas of instruction: *nature of technology, technology and society, technological systems, design, the designed world, and abilities for a technological world*

Recommendation: In order to meet the needs of diverse students, strategies should be taken to enable all students to be successful.

Action: Explore distance learning, school to work and career pathway opportunities.